Advanced Water Filters
Where Technology and Water Combine
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Advanced Water Filters

Tap Master® Series
Installation & Service Manual

Tap Master
Tap Master IRON
Tap Master UV
Tap Master ULTRA
Tap Master Artesian

Customer Service Hotline 1-800-453-4206

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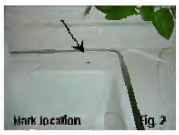

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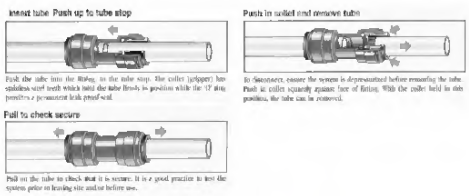
system may be discolored due to the presence of carbon from the carbon filters, and a small amount of preservative. This is normal. DO NOT drink the first 6.5 gallons of water. Drinking from un-flushed system may cause gastrointestinal discomfort, colic and/or diarrhea. Consult a physician if discomfort persits. Running out the first two tanks will effectively flush out the system, and make it ready for use. The tank is full when the hissing stops.

Using Quick Connect Fittings

To remove the tubing from the fitting – push down the seal ring to the fitting body with the thumb and forefinger while simultaneously pulling on the tubing. Some mild resistance to pulling out the tubing is normal. Removing the tubing will be impossible without first fully depressurized the fitting as described in previous sections.

Make sure tubing end is smooth and round before inserting it into the fitting. NOTE: A rough or oblong tube end will leak.

Insert the tube end about a ¼" into the fitting then pull back gently to ensure a sung fit.



For more information please visit www.AdvancedWaterFilters.com or contact customer service at 1-800-453-4206. We will be happy to assist.

Tap Master Contents:

1 Instruction book: detailed descriptions, photos and troubleshooting guide.
1 10" Sediment pre-filter: 5 micron bonded spun poly with high holding depth, 1-year service life.
2 10" IRON/Carbon pre filter[1]: 5 micron granular activated carbon (coconut shell carbon) with IRON filtration, 6-month or 1500 gallon service life.
1 10" Carbon pre filter[2]: 5 micron granular activated carbon (coconut shell carbon), 1-year or 3900 gallon service life.
1 10" Carbon post filter: 5 micron granular activated carbon (coconut shell carbon), 1-year or 3900 gallon service life.
1 10" Artesian post filter[4]: 5 micron granular activated carbon (coconut shell carbon) with advanced remineralization media, 1-year or 2500 gallon service life.
1 Thin Film Composite membrane 0.001 micron ultra-fine pore, 50 gallon per day, 4-5 year service life.
1 UV filter[3] 1-year service life, with universal electronic transformer (50/60Hz, 110-240v) featuring audible alert.
1 Flow restriction architecture: integrated flow restrictor and water check valve, central auto shut-off valve.
1 Drain saddle; all fittings and connecting hardware.
1 Reserve tank: 3.2-gallon capacity, mounting stand, ball valve, quick connect fittings and hardware.
1 Chrome long reach sink faucet (or custom faucet); quick connect fittings and hardware.
1 Easy Adapter, Self-piercing valve; all fittings and connection hardware.

Maintenance Schedule

Sediment filter	**annual replacement**
Carbon filter(s)	**annual replacement**
IRON/carbon filter[1]	**6 month replacement**
UV filter[3]	**annual replacement**
Membrane (50 gpd TFM)	**4-5 year replacement**
Artesian filter	**annual replacement**

General System Specifications

- Feed Water: PSI 40 - 125 PSI
- Feed water Temperature: 40˚ - 100˚(F)
- Max. Total Dissolved Solids (TDS): 2000 ppm
- Max. Hardness: 10 gpg
- pH limits: 4 - 10

1 Included with Tap Master IRON and ULTRA only.
2 Included with Tap Master standard and UV only.
3 Included with Tap Master UV and ULTRA only.
4 Included with Tap Master Artesian only.

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System Location

The Tap Master may be installed under a sink, or in a basement within 20' feet of the RO sink faucet as long as the Tap Master is not subjected to freezing temperatures. The Tap Master should be mounted vertically where the drain line out is at the bottom. Mount the reserve tank on a sturdy shelf, because it will weigh over thirty pounds when full.

Installing The Tap Master® Advanced Reverse Osmosis System

Tools Required

Safety glasses

Towels

Phillips screwdriver

Scissors

Medium Crescent wrench

Medium pliers (not required if using Speedfit® faucet connector)

Teflon tape

Felt tip pen or marker

Variable speed corded power drill (3/8" for the sink hole, ¼" for the remainder)

¼" metal drill bit w/ cobalt tip

½" metal drill bit w/ cobalt tip (not required if sink has a pre-drilled hole)

½" masonry drill bit (not required if sink has a pre-drilled hole, or if sink is not porcelain)

NOTE: SYSTEM MUST BE FLUSHED PRIOR TO USE - ALLOW THE TAP MASTER™ TO RUN FOR 3.5 HOURS, THEN DRAIN COMPLETELY. REPEAT. INITIAL WATER OUTPUT MAY BE DISCOLORED DUE TO FLUSHING OF LOOSE CARBON FROM THE CARBON FILTERS. DO NOT DRINK UNTIL SYSTEM HAS BEEN FLUSHED COMPLETELY.

READ ALL INSTRUCTIONS THOROUGHLY PRIOR TO INSTALLATION

- **Drilling hole for RO sink spigot – porcelain sinks (drilling time – up to ¾ hour)**

WARNING: Serious cracking and damage may occur to your sink even if instructions are followed exactly due to age and the imperfections inherent in natural materials. Instructions may not apply exactly to your sink. Use caution – sink may be slippery.

Remove base cover plate from RO sink spigot packaging. Line-up base cover plate with other sink faucets. See Fig 1. Check underside of sink for spacing from trim, curvatures, and other obstacles. See Fig. 15. Don't place spigot too close to obstacles - leave yourself enough room under the sink to use hand tools. Either right or left side of the sink is OK provided previous conditions are met. Mark center of base cover plate with marker. See Fig 2. Place towel underneath sink, below drilling site, to collect fillings. Always wear protective eyewear and gear

component and checking for pressure. Have a bowl and towel at hand.

No water or ice from refrigerator water center Make sure line from Tap Master™ RO to refrigerator has pressure. Make sure refrigerator water center and/or icemaker are turned ON, and refrigerator is plugged in. If water center works, but icemaker does not, then defrost the freezer as the line in may have frozen.

Hissing or flowing sounds from Tap Master™ RO are normal during the water purification process. Sounds should last for approximately 1 hour per gallon of water used. Sounds should stop once the reserve tank is full.

Weak pressure at RO sink faucet & Reserve tank filling slowly

1. Make sure reserve tank is full, and has been flushed at least twice (6.5 gallons).
2. Make sure the angle-stop is wide open. (see Fig.4 on the instructions enclosed with your tap master.)
3. Check all tubing for kinks or sharp bends - this can impede the flow of water.
4. Check reserve tank air pressure. Air valve located on the side of the tank under a cap Use a bicycle tire pressure gauge. Tank should have 7-7.5 psi.
5. Check flow to the membrane housing. Turn off the water at the EZ adapter and tank, and briefly turn on the RO faucet at the sink to relieve any system pressure. Then pull the black tube out of the top of the black membrane housing at the quick connect fitting. (There is only one fitting on the top of the membrane housing, the bottom has two - one white, one grey). Point the tube you have just disconnected into a pitcher and turn on the EZ adapter valve. The water flow from the tube should be fairly strong.
6. If the flow to the membrane housing is strong (#5), then check flow to the reserve tank. Turn off the water at the EZ adapter and tank, and briefly turn on the RO faucet at the sink to relieve any system pressure. Disconnect the tube from the reserve tank ball valve. Point the tube you have just disconnected into a pitcher and turn on the EZ adapter valve. The water flow from the tube should be a thin, but steady trickle.
7. If the flow to the membrane housing is weak (#5), then check the water flow to the sediment filter (red label) from the EZ adapter. Turn off the water at the EZ adapter and tank, and briefly turn on the RO faucet at the sink to relieve any system pressure. Disconnect the tube from the sediment filter fitting after the EZ adapter. Point the tube you have just disconnected into a pitcher and turn on the EZ adapter valve. The flow should be strong. If it is strong repeat this step for the next carbon filter in line. The flow should be strong.
8. If the flow to the sediment filter is weak (#7), then disconnect the EZ adapter and check the rubber grommets and o-ring for proper seating and to ensure the flow is unimpeded.

Discoloration of water The first batch of water produced from your purification

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help slot the membrane into place or press the white nipple against a table so as to push it into the housing until it slots into place. Replace and tighten membrane-housing cap. Reinsert the tube end about a ¼" into the membrane-housing cap "push-pull" fitting then pull back gently to ensure a sung fit.

10. Remount the Tap Master, and **SLOWLY** open the main water line to the Tap Master. Open valve to refrigerator. Then open the tank valve slowly. *Failure to repressurize slowly may result in system damage.* It may take 20 minutes for water to begin flowing from the RO sink spigot. Allow the water to run until the flow is a thin gentle stream or fast drip. Close the RO sink spigot, and **allow 3 hours for the reserve tank to refill, and then drain completely. Membrane contains a mild preservative. System must be flushed prior to use. DO NOT drink the first 3 gallons of water. Drinking from un-flushed system may cause gastrointestinal discomfort, colic and/or diarrhea. Consult a physician if discomfort persists. Running out the first tank (3.2gallons) will effectively flush out the system, and make it ready for use.**

Troubleshooting

IMPORTANT NOTE: Before performing service on the Tap Master™ RO at any time, and for any reason: first switch to the OFF position all under-sink water valves, except for the RO sink spigot which you should switch ON to relieve system pressure and drain away excess water from the lines. Push-pull and Speedfit® fittings are nearly impossible to remove when under pressure.

Leaks from metal fittings Unscrew fittings and re-tape male fitting. Tape should be wound 5-7 times around male thread. Tape should not cover opening. Use only Teflon tape. Re-tighten fitting securely. Over tightening can crush the tubing insert and cause a **water blockage.**

Leaks from quick connect, push-pull or Speedfit® fittings Disconnect fitting by pushing in the tubing with one hand and depressing the ring on the fitting with the other hand. Then pull out tubing while the ring is still depressed. Tubing cannot be pulled out without depressing the fitting ring, and relieving system pressure. Make sure the tubing is cut is straight, the edge is completely smooth, and the tube is rounded. Scratched, gouged, damaged, or oblong tubing end will leak. Re-insert the tubing into the push-pull fitting. Push tubing all the way in, then pull back gently, to check fit. Most push-pull fittings take about a ½" of tubing inserted into them.

Leaks from plastic fittings Plastic fittings should be firmly finger tightened. Under tightening can result in leaks, over tightening can crush the tubing and result in a **water blockage.** For plastic fittings only; make sure the plastic tubing has an insert in the tube end, and a feral (o-ring which compresses the tubing around the insert) in the plastic female fitting. Drain tubing does not need an insert.

No water from Tap Master™ RO System Make sure all valves are on the ON position. Check for over tightening of fittings. Eliminate possible blockage points by disconnecting each system

while drilling, and while under sink.

Using ½" masonry bit and variable speed corded power drill, slowly begin drilling through the porcelain. Drill bit should be perpendicular to sink. Failure to do so may cause the drill bit to slip and cause bodily injury, and/or property damage. Rinse & dry drill bit tip and sink area with cool water for every 20 seconds of drilling to prevent drill bit overheating and sink damage. Small localized flaking or chipping may occur. **Use caution – drill bit may be very hot. DO NOT touch drill bit. Electrical hazard! DO NOT allow power drill electrical components to come into contact with water. Use caution – sink may be slippery.**

When metal is struck, switch to ¼" metal bit with cobalt tip. Drill bit should be perpendicular to sink. Failure to do so may cause the drill bit to slip and cause bodily injury, and/or property damage. Begin drilling to drill a hole all the way through the sink. Rinse & dry drill bit tip and sink area with cool water for every 20 seconds of drilling to prevent drill bit overheating and sink damage. Small localized flaking or chipping may occur.

When ¼" hole is completely drilled through, switch to ½" metal drill bit w/ cobalt tip. Drill bit should be perpendicular to sink. Failure to do so may cause the drill bit to slip and cause bodily injury, and/or property damage. Begin drilling to enlarge the ¼" hole to ½" all the way through the sink. Use caution when hole is near completion to avoid damaging sink surface. Rinse & dry drill bit tip and sink area with cool water for every 20 seconds of drilling to prevent drill bit overheating and sink damage. Small localized flaking or chipping may occur.

When ½" hole is completely drilled through, install RO sink spigot with provided mounting hardware. For more details, see mounting instructions enclosed with hardware. See Fig. 3. Connect Tap Master™ to RO sink spigot using Speedfit® adapter as outlined later.

- **Drilling hole for RO sink spigot – stainless steel sinks**

WARNING: Read all instruction before attempting install. User assumes all liability.

Use caution – sink may be slippery.

Remove base cover plate from RO sink spigot packaging. Line-up base cover plate with other faucets. See Fig 1. Check underside of sink for spacing from trim, curvatures, and other obstacles. See Fig. 15. Don't place spigot too close to obstacles – leave yourself enough room under the sink to use hand tools. Either right or left side of the sink is OK provided previous conditions are met. Mark center of base cover plate with marker. See Fig 2. Place paper towel underneath sink, below drilling site, to collect fillings. Wear protective eyewear and gear while drilling and while under sink.

Place ¼" metal bit with cobalt tip on the marked spot. Drill bit should be perpendicular to sink. Failure to do so may cause the drill bit to slip and cause bodily injury, and/or property damage. Begin drilling a hole all the way through the sink. Rinse & dry drill bit tip and sink area with cool water for every 30 seconds of drilling to prevent drill bit overheating. **Use caution – drill bit may be very hot. DO NOT touch drill bit. Electrical hazard! DO NOT**

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allow power drill electrical components to come into contact with water. Use caution – sink may be slippery.

When ⅛" hole is completely drilled through, switch to ½" metal drill bit w/ cobalt tip. Begin drilling to enlarge the ¼" hole to ½" all the way through the sink. Use caution when hole is near completion, because drill may lock-up and cause injury. Drill bit should be perpendicular to sink. Failure to do so may cause the drill bit to slip and cause bodily injury, and/or property damage. Rinse & dry drill bit tip and sink area with cool water for every 30 seconds of drilling to prevent drill bit overheating and damage.

When ½" hole is completely drilled through, install RO sink spigot with provided mounting hardware. See Fig. 3. For more details, see mounting instructions enclosed with hardware. Connect Tap Master™ RO to RO sink spigot using Speedfit® adapter as outlined later.

- **Installing The Tap Master™ Reverse Osmosis System under the sink**

1a. Install easy adapter with ball valve for main water line - Always wear protective eyewear while under sink. Locate the cold angle-stop (the main water lines under the sink – one hot water, one cold water), and turn clock-wise to shut off the water. See Fig. 4. Locate ½" fitting, typically found on the line out of the angle-stop. See Fig.6. Easy adapter with ball valve may be fitted to either angle-stop, or line out – as shown in Fig. 6. If angle-stop is damaged and cannot be shut off, or does not exist, use piercing valve (see piercing valve instructions below). Connect easy adapter with ball valve to cold ½" female line. See Fig. 6. Use Teflon tape on **ALL** metal male threads. Check for water pressure & leaks on ball valve. Turn ON water by rotating angle-stop counter clockwise. Close ball valve, by turning the handle perpendicular to the ball valve body. (Valve is open in Fig. 6) Have a bowl or cup nearby to catch water. Dry all parts, check for leaks, and snugness.

NOTE: Use piercing valve OR easy adapter with ball valve, but not both.

1b. Install piercing valve for main water - Clamp piercing valve to soft cold copper line (see Fig. 5 & Fig. 7) by tightening screw snugly around copper line and piercing valve insert. Lightly wiggle and tighten piercing valve to ensure snugness. **NOTE: Piercing valve operates by puncturing a small hole in the copper line. Once the hole is made, the piercing valve must remain in place or the copper line must be replaced to avoid leaks.** Place brass nut with collar over tubing marked "LINE IN" then insert brass insert into tubing end. Apply Teflon tape to piercing valve ¼" threaded fitting. Connect brass nut onto piercing valve ¼" threaded fitting and tighten snugly. Screw down the red "T" handle on top of the piercing valve until copper line is punctured, then unscrew until water begins to flow at a fast rate. Close attached shut-off valve, by turning blue handle perpendicular to the valve body. Have a bowl or cup nearby to catch water. Dry all parts, check for leaks, and snugness.

2. Mount the Tap Master™ - Identify location for installing mounting clips for the Tap Master™ RO unit. Location should allow room for the reserve tank, for connecting and

Tap Master® Membrane Change Instructions

Tools Required
Pliers
Towel
Clean cloth

1. Clear away a workspace under the sink near the location of the Tap Master.
2. Turn off the water feeding the Tap Master, by closing the ball valve located on the water line, or by closing angle-stop feed water valve clockwise. To close the angle-stop, turn clockwise. If present, the angle-stop will be located on the wall under the kitchen sink in close proximity to the Tap Master. Either method will work. Close the valve leading to the refrigerator if your Tap Master was ordered with a refrigerator connection kit.
3. Close the reserve tank valve located on top of the reserve tank. When closed the blue handle will perpendicular to the water line.
4. Depressurize the system. Flip up the handle on the RO sink spigot so that it locks into place, and dispenses water until it no longer flows. If you have successfully shut off the water this should occur within a few seconds. If water still continues to flow, repeat steps 2 & 3. The system is now depressurized; continue to leave to RO sink spigot handle in the open position.
5. Slowly and gently pull the Tap Master off of its mounting clips from the bottom up. Lay it on a towel.
6. Remove the tube from the membrane-housing cap "push-pull" fitting – to do this push down the seal ring to the fitting body with the thumb and forefinger while simultaneously pulling on the tubing. Some mild resistance to pulling out the tubing is normal. Removing the tubing will be impossible without first fully depressurized the Tap Master as described in step 4.
7. Unscrew membrane-housing cap and remove old membrane using pliers on the top white membrane nipple. There is a rubber brine seal near the top of the membrane. As you are removing the old membrane, note which end the rubber brine seal is on so you can insert the new membrane in the same way. Discard old membrane.
8. Wipe out membrane housing with clean, dry cloth. Allow to air dry completely.
9. Remove new membrane from packaging. Grasp the replacement membrane by the top white membrane nipple only. DO NOT TOUCH ANY OTHER PART OF THE MEMBRANE. Insert membrane into membrane housing until white nipple is flush with the membrane-housing opening. Turing or rotating the white nipple with the pliers while applying pressure will

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of your system configuration.

b. To remove the tubing from the filter – push down the seal ring to the filter body with the thumb and forefinger while simultaneously pulling on the tubing as shown above. Some mild resistance to pulling out the tubing is normal. Removing the tubing will be impossible without first fully depressurized the Tap Master as described in step 4. Immediately trim off a ¼" from the end of the tubing with the scissors. Make sure tubing end is smooth and round before inserting it into the replacement filter. NOTE: A rough or oblong tube end will leak.

c. Insert the tube end about a ¼" into the replacement filter fitting then pull back gently to ensure a sung fit. Repeat step 5 for the other end of the filter. Immediately discard used filter. Repeat step 5 for each of the next replacement filters.

6. Yearly sanitation is recommended on all of our RO systems. The best time to do this is when you are changing your filters. Drain the system, including the tank, and then disconnect the blue tubing from the shut-off valve to the tank. Put approximately ¼ to ½ teaspoon of Hydrogen Peroxide or common household bleach into this tube. If you use an eyedropper, this will be easier. Reconnect the blue tube to the shut-off valve and follow normal start-up procedures, including draining the tank. If you have an icemaker hookup installed, be sure to close the ball valve in the line to the refrigerator or turn off the icemaker until the peroxide or bleach is flushed from the unit.

7. Remount the Tap Master, and **SLOWLY** open the main water line to the Tap Master. For Tap Master UV & ULTRA reconnect power adapter. Then open the tank valve slowly. *Failure to repressurize slowly may result in system damage.* Water should now be flowing from the RO sink spigot. Allow the water to run until the stream falls to a thin gentle flow. Initial discharge may be accompanied by a harmless discoloration due to loose carbon. Close the RO sink spigot, and allow 3 hours for the reserve tank to refill. A second tank flushing may be necessary depending on initial tank fill level.

disconnecting the unit, and enough room for performing general service on the unit. Typical locations are on either right or left side, near the back wall. Use supplied mounting clips as a template to mark mounting screw locations. Tap Master should be mounted vertically where the drain line out is on the bottom of the Tap Master. See Fig 8 & 12.

2a. Mounting Permeate Pump (optionel equipment) - Mount permeate pump side by side with the tap master using supplied mounting clip and screws. **IMPORTANT: permeate pump must be mounted with indicator errow pointing up.**

FOR ADDITIONAL INFORMATION ON USING QUICK CONNECT FITTINGS REFER TO PAGE 14

3. Install refrigerator kit (optional) – Installation may vary according to make, model, age, and equipment level of your refrigerator. Make sure refrigerator icemaker and water center are turned OFF. Clean area below and around refrigerator thoroughly. Use care when rolling out refrigerator. Flooring may become scratched, gouged or damaged from moving refrigerator. Consult your local licensed contractor or plumber for trimmed-in refrigerators, or refrigerators without rollers. Roll out refrigerator. Unplug refrigerator electric plug. Locate water line in for refrigerator. (Yours may already be connected to a water line from wall. If so use local angle-stop to shut off water. Disconnect female fitting. See Fig. 13.) Plan the route for the water line from the Tap Master™. Drill ½" holes through the lower cabinetry, high along the back wall just below the drawers. See Fig. 9. Make sure cabinet contents are removed, prior to drilling, and ¼" tubing does not come into contact with drawers, doors, or sharp objects. Smooth the holes free from splinters and sharp edges. [Alternate route for refrigerator line -- run ¼" refrigerator tubing along the baseboard, and enter the kitchen sink cabinet by drilling a ½" opening in the bottom board of your kitchen sink cabinet, towards the front baseboard.]

Connect the female metal fitting from the refrigerator kit to the male metal fitting on the refrigerator. See Fig. 14. Make sure all male metal fittings are thoroughly Teflon taped to prevent leaks. Push tubing through the cabinetry holes from the refrigerator to the Tap Master™ RO. Allow 2-4' of extra tubing at the refrigerator, and tie it up so that it cannot be crushed or otherwise damaged. Make sure the cut is straight, the edge is completely smooth, and the tube is rounded. A scratched, gouged, damaged, or oblong end will leak. Insert the line marked "to refrigerator" into the blue and white shut-off valve connected to the Tap Master™ RO. Push tubing all the way in, then pull back gently, to check fit. Most push-pull fittings take about a ½" of tubing inserted into them. Do not roll back refrigerator until the Tap Master™ is fully installed and operational. Make sure shut off valve is in the OFF position, where the blue handle will be perpendicular to the body.

4. Install drain saddle clamp and drain line – Identify a vertical section of drainpipe with enough space to mount the drain saddle clamp. See Fig. 8 & Fig. 10. Drainpipe material can be either metal or plastic. Remove hole from the template supplied with drain saddle clamp, and peel off its backing. Place the template on the previously identified location of drainpipe

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for the drain saddle clamp. Place ¼" drill bit inside template hole, and drill a hole into the drainpipe. DO NOT drill the hole clean through both sides of the drainpipe. This will result in a leak, and require a replacement piece of drainpipe. Drill through one side only. Mount the drain saddle clamp on top of the template with the holes aligned. Fit drain saddle clamp back-plate and screws. Alternate tightening screws on each side of the drain saddle clamp to ensure an even, snug fit. See Fig. 10. Screw plastic female fitting onto the drain saddle male fitting until it is snug, and wrap excess tubing around the drainpipe.

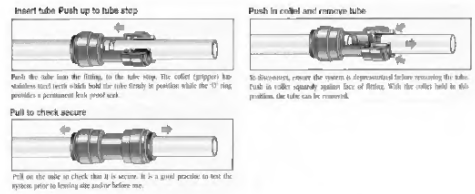
5. Install water out line to RO sink spigot – Screw Speedfit® spigot adapter onto the bottom of the RO sink spigot located under the sink until it is snug. See Fig. 15. Over tightening may cause damage. Insert tubing labeled "to RO spigot" into Speedfit® spigot adapter. Push tubing all the way in, then pull back gently to check fit. Most push-pull fittings take about a ¼" of tubing inserted into them.

6. Install reserve tank and connect reserve line – Apply Teflon tape to the male fitting on top of the reserve tank. Screw on the reserve tank shut off valve until it is snug. (Fig. 11) Over tightening may cause damage. Insert line marked "to reserve tank" from the Tap Master™ RO into the reserve tank shut off valve. Push tubing all the way in, then pull back gently, to check fit. Most push-pull fittings take about a ½" of tubing inserted into them. Make sure reserve tank shut off valve is in the OFF position, where the blue handle will be perpendicular to the body. Shown in the ON position in Fig. 11.

7. Pressurize the Tap Master™ RO – For Tap Master UV & ULTRA first connect power adapter to UV filter so the filter glows blue at the bottom. Power supply should make noise when connected to wall outlet and not connected to UV filter, or if connected and the UV filter does not function.

Double check to make sure all valves are in the OFF position, except for the main angle-stop valve or piercing valve, which should be ON. Make sure unit is dry. Water should flow normally from your sink's cold and hot faucets. Turn the easy adapter ball valve, or the shut off valve from the piercing valve to the ON position. You should hear water rushing through the system. Check for leaks at all fittings. Allow 5-15 minutes for system pressure to build. Turn valve on RO sink spigot to ON position by depressing and holding the lever down, or by flipping the lever up, where it should stay open. A steady trickle of water should be present after between 1-20 minutes. Some blackening of the water may present due to loose carbon being flushed out. Close the lever on the RO sink spigot, and open the reserve tank valve. Allow reserve tank to fill for 3.5 hours, and then drain completely. Repeat. System must be flushed prior to use. Plug in refrigerator electric plug; turn ON refrigerator line shut off valve so that the blue handle is parallel with the white body. Make sure refrigerator icemaker and water center are turned ON. Check for leaks. Check for pressure at the refrigerator's water center if applicable. Dispose of the first two batches of ice after installing the Tap Master™ RO. Use caution when rolling refrigerator back into place. DO NOT crimp or crush water line, as a leak will likely develop. **IMPORTANT – <u>After reserve tank has filled (3.5 hours), Drain entire reserve tank completely, until the flow from the RO sink spigot falls to a thin light stream. Repeat.</u> Reserve**

tank is full when the hissing noise stops. Discoloration of water may be present. System must be flushed twice prior to use. Allow another 3 hours for the reserve tank to refill. Enjoy!



Tap Master® Filter Change Instructions

<u>Tools Required</u>
Scissors
Towel

1. Clear away a workspace under the sink near the location of the Tap Master.
2. Turn off the water feeding the Tap Master, by closing the ball valve located on the water line, or by closing angle-stop feed water valve clockwise. To close the angle-stop, turn clockwise. If present, the angle-stop will be located on the wall under the kitchen sink in close proximity to the Tap Master. Either method will work. See Figures 4 & 6. For Tap Master UV & ULTRA disconnect power adapter.
3. Close the reserve tank valve located on top of the reserve tank. When closed the blue handle will perpendicular to the water line. See Figure 11.
4. Depressurize the system. Flip up the handle on the RO sink spigot so that it locks into place, and dispenses water until it no longer flows. See Figure 4. If you have successfully shut off the water this should occur within a few seconds. If water still continues to flow, repeat steps 2 & 3. The system is now depressurized; continue to leave to RO sink spigot handle in the open position.
5. Slowly and gently pull the Tap Master off of its mounting clips from the bottom up. Lay it on a towel. Pull off the first filter to be changed. IMPORTANT: Make note of flow direction arrows on the filter body and line then up with the replacement filter which you should position nearby.
    a. To determine which replacement filter you should use, compare the labels on the filters and make sure the flow direction arrows face the same direction. Make note

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